## Claims

- 1. A wireless computer network planning system for planning a wireless computer network having a predetermined layout, said system comprising:
  - a template database for storing a plurality of templates;
- a template identifier coupled to the template database, said template identifier for receiving search terms and for searching said template database for matching templates;
- a network performance contour overlay generator for creating network performance contour overlays from performance parameters extracted from said matching templates;
- a network performance contour overlay superimposer for receiving said predetermined layout and for superimposing at least one of said network performance contour overlays onto said predetermined layout producing a superimposed layout.
- 2. The system in accordance with claim 1, wherein said template database comprises a test-bed template database and a simulation template database.
- 3. The system in accordance with claim 2, wherein said plurality of templates comprises a plurality of test-bed templates and a plurality of simulation templates.
- 4. The system in accordance with claim 1, further comprising a displaying means for displaying said superimposed layout.
- 5. The system in accordance with claim 1, further comprising a reproduction means for printing said superimposed layout onto some media means.
- 6. A method for planning a wireless computer network for a predetermined layout, said method comprising the steps:
  - a. receiving said predetermined layout and search terms;

- searching a template database for suitable matching templates based on said
  search terms;
- c. creating at least one network performance contour overlay from said matching templates; and
- d. superimposing said at least one network performance contour overlay onto said predetermined layout.
- 7. The method in accordance with claim 6, wherein said step b. further comprises the steps:
  - b1. receiving search terms; and
  - b2. searching a simulation template database and a test-bed template database in said template database.
- 8. The method in accordance with claim 6, wherein said step c. further comprises the steps:
  - c1. receiving desired performance parameters;
- c2. Extracting said desired performance parameters data from said matching templates in said template database; and
- c3. generating network performance contour overlays from said desired performance parameters data.
- 9. The method in accordance with claim 6, after step b. comprising step e.: assigning a matching template if step b. produces no matching template.